What is claimed is:

1. A method, comprising:

transmitting data at a first transmit power level;

determining a first value for a network traffic parameter at the first transmit

power level;

determining a second transmit power level different than the first transmit

power level;

transmitting data at the second transmit power level;

determining a second value for the network traffic parameter at the second

transmit power level.

2. The method of claim 1, wherein said determining a first value comprises determining a first throughput value and said determining a second value comprises determining a second throughput value.

3. The method of claim 2, further comprising subsequently transmitting data at the second transmit power level responsive to one of the following two-part conditions:

the second transmit power level being less than the first transmit power level

and the second throughput value being approximately equal to the first

throughput value; and

the second transmit power level being greater than the first transmit power level

and the second throughput value being greater than the first throughput

value.

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4.   The method of claim 2, further comprising subsequently transmitting data at the
first transmit power level responsive to one of the following two-part conditions:

> the second transmit power level being less than the first transmit power level
>
>> and the second throughput value not being approximately equal to the
>>
>> first throughput value; and
>
> the second transmit power level being greater than the first transmit power level
>
>> and the second throughput value not being greater than the first
>>
>> throughput value.

5.   The method of claim 1, wherein said determining a first value comprises
determining a first network loading value and said determining a second value
comprises determining a second network loading value.

6.   The method of claim 5 wherein said determining a second transmit power level
comprises determining a second transmit power level less than the first transmit power
level responsive to the first network loading value being less than a target value.

7.   The method of claim 5, wherein said determining a second transmit power level
comprises determining a second transmit power level greater than the first transmit
power level responsive to the first network loading value being greater than a target
value.

8.   An article comprising

a machine-readable medium that provides instructions, which when executed by

a computing platform, cause said computing platform to perform operations

comprising:

transmitting data at a first transmit power level;

determining a first data throughput value based on transmissions at the first

transmit power level;

transmitting data at a second transmit power level different than the first

transmit power level;

determining a second data throughput value based on transmissions at the

second transmit power level; and

setting a subsequent transmit power level at one of the first transmit power level

and the second transmit power level, based on a comparison between the

first and second data throughput values.

9.   The article of claim 8, wherein:

the second transmit power level is less than the first transmit power level, and

said setting comprises setting the subsequent transmit power level to the second

transmit power level responsive to determining the second data

throughput value is approximately equal to the first data throughput

value.

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10.   The article of claim 8, wherein:

the second transmit power level is greater than the first transmit power level;

and

said setting comprises setting the subsequent transmit power level to the second

transmit power level responsive to determining the second data

throughput value is greater than the first data throughput value.

11.   The article of claim 8, wherein the first and second transmit power levels are

each less than a predefined maximum transmit power level and greater than a

predefined minimum transmit power level.

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12.   An article comprising a machine-readable medium that provides instructions, which when executed by a computing platform, cause said computing platform to perform operations comprising:

setting a first transmit power level;

transmitting data at the first transmit power level;

determining a first network loading value based on data transmitted at the first

transmit power level;

comparing the network loading value with a predefined range of network

loading values; and

changing the transmit power level for a subsequent transmission of data based

on a result of said comparing.

13.   The article of claim 12, wherein said changing comprises decreasing the transmit power level for the subsequent transmission responsive to the network loading value being less than a minimum value in the predefined range.

14.   The article of claim 12, wherein said changing comprises increasing the transmit power level for the subsequent transmission responsive to the network loading value being greater than a maximum value in the predefined range.

15.   The article of claim 12, wherein said changing comprises one of:

increasing the transmit power level for the subsequent transmission responsive

to the network loading value being greater than a predefined value; and

decreasing the transmit power level for the subsequent transmission responsive

to the network loading value being less than the predefined value.

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16. An apparatus comprising

a wireless device to:

   determine a first transmit power level;

   transmit data at the first transmit power level;

   determine a first value for a network traffic parameter based at least in

      part on transmissions at the first transmit power level;

   determine a second transmit power level different than the first transmit

      power level;

   transmit data at the second transmit power level; and

   determine a second value for the network traffic parameter based at least

      in part on transmissions using the second transmit power level.

17. The apparatus of claim 16, wherein:

the network traffic parameter is a data throughput parameter;

the wireless device is further to subsequently transmit data at the second

      transmit power level responsive to the second transmit power level being

      less than the first transmit power level and the second value being

      approximately equal to the first value; and

the wireless device is further to subsequently transmit data at the first transmit

      power level responsive to the second transmit power level being less

      than the first transmit power level and the second value not being

      approximately equal to the first value.

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18.   The apparatus of claim 17, wherein:

the wireless device is further to subsequently transmit data at the second

transmit power level responsive to the second transmit power level being

greater than the first transmit power level and the second value being

greater than the first value; and

the wireless device is further to subsequently transmit data at the first transmit

power level responsive to the second transmit power level being greater

than the first transmit power level and the second value not being greater

than the first value.

19.   The apparatus of claim 16, wherein:

the network traffic parameter is a network loading parameter; and

the wireless device is further to set the second transmit power level less than

the first transmit power level responsive to the first value being less than

a first predetermined value.

20.   The apparatus of claim 19, wherein the wireless device is further to set the

second transmit power level greater than the first transmit power level responsive to the

first value being greater than a second predetermined value.

21.   The apparatus of claim 20, wherein the first predetermined value is a minimum

value in a predetermined range of values and the second predetermined value is a

maximum in the predetermined range of values.

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22.   A system comprising

a wireless device to:

determine a first transmit power level;

transmit data at the first transmit power level;

determine a first value for a network traffic parameter based at least in

part on transmissions at the first transmit power level;

determine a second transmit power level different than the first transmit

power level;

transmit data at the second transmit power level; and

determine a second value for the network traffic parameter based at least

in part on transmissions using the second transmit power level;

and

an omnidirectional antenna coupled to the wireless device.

23.   The system of claim 22, wherein:

the network traffic parameter is a data throughput parameter;

the wireless device is further to subsequently transmit data at the second

transmit power level responsive to the second transmit power level being

less than the first transmit power level and the second value being

approximately equal to the first value; and

the wireless device is further to subsequently transmit data at the first transmit

power level responsive to the second transmit power level being less

than the first transmit power level and the second value not being

approximately equal to the first value.

24.   The system of claim 23, wherein:

the wireless device is further to subsequently transmit data at the second

transmit power level responsive to the second transmit power level being

greater than the first transmit power level and the second value being

greater than the first value; and

the wireless device is further to subsequently transmit data at the first transmit

power level responsive to the second transmit power level being greater

than the first transmit power level and the second value not being greater

than the first value.

25.   The system of claim 22, wherein:

the network traffic parameter is a network loading parameter; and

the wireless device is further to set the second transmit power level less than

the first transmit power level responsive to the first value being less than

a first predetermined value.

26.   The system of claim 25, wherein the wireless device is further to set the second

transmit power level greater than the first transmit power level responsive to the first

value being greater than a second predetermined value.

27.   The system of claim 26, wherein the first predetermined value is a minimum

value in a predetermined range of values and the second predetermined value is a

maximum in the predetermined range of values.

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